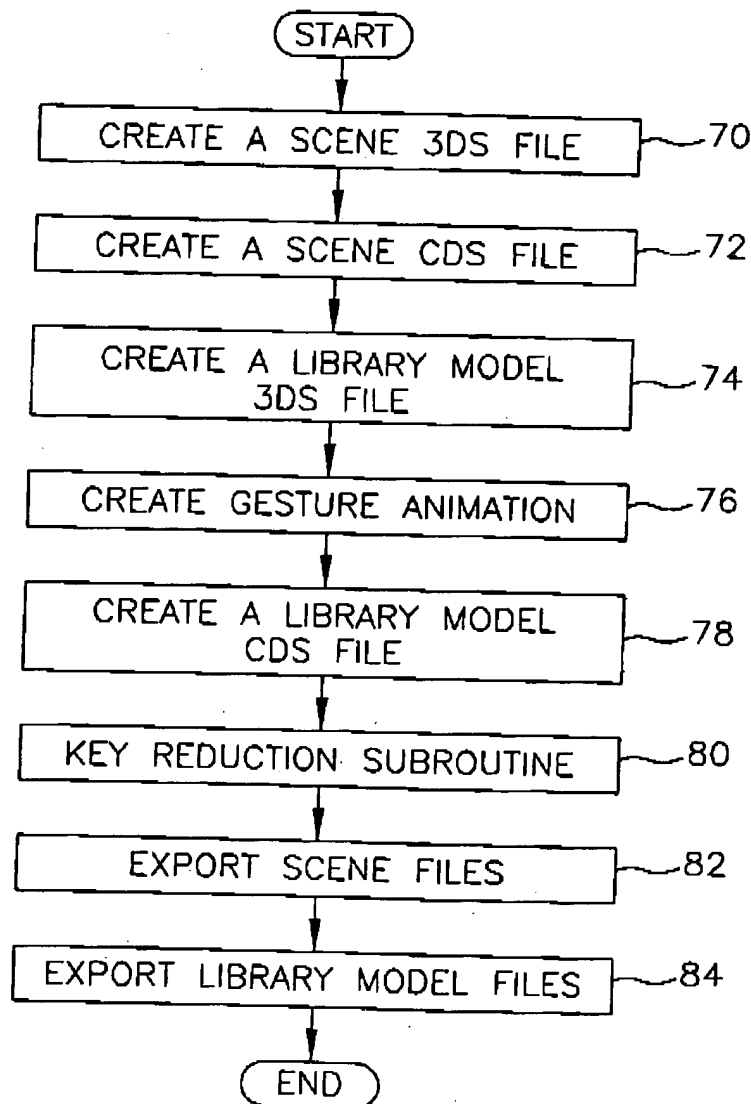


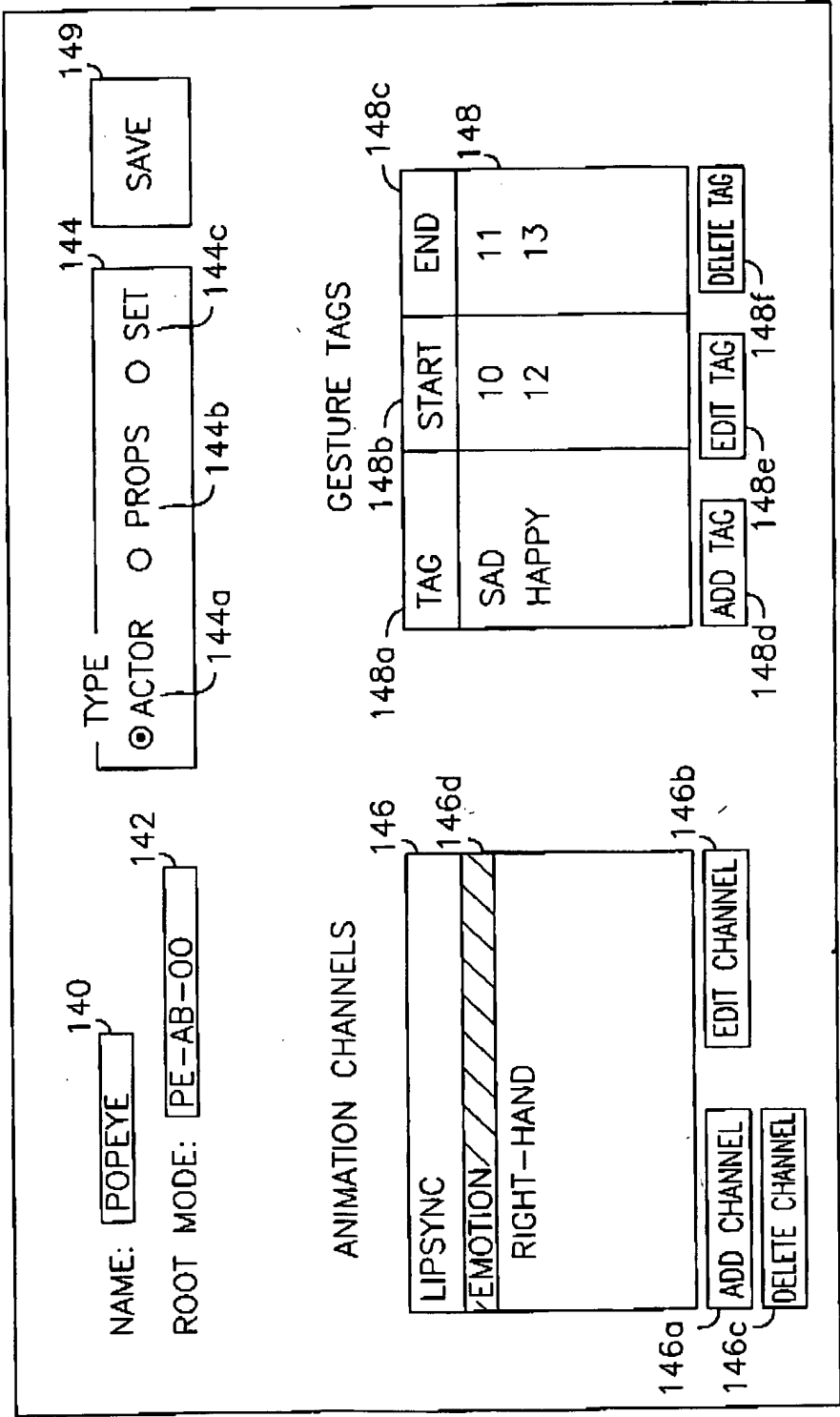


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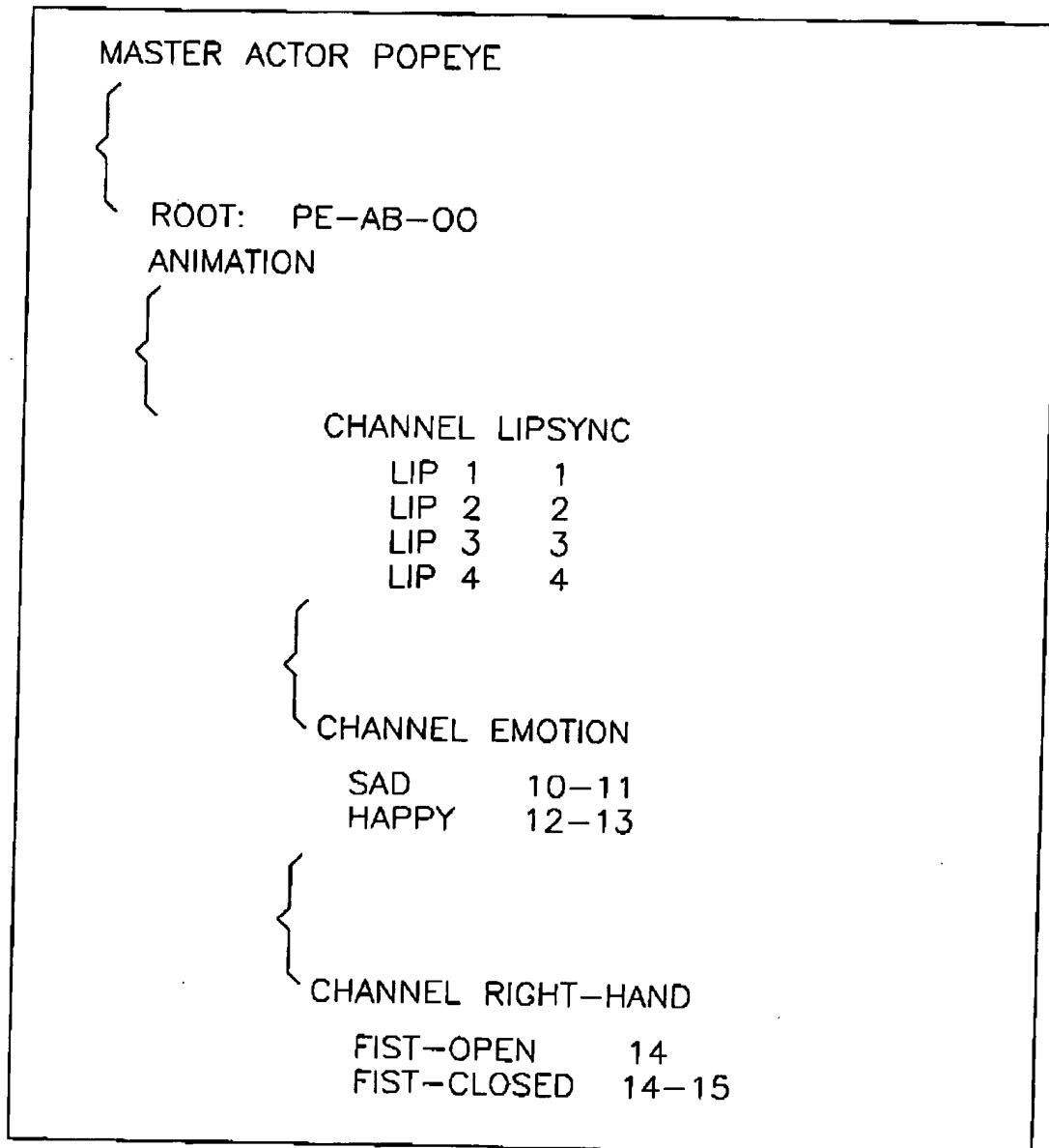
*FIG. 2*

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FIG. 3A



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*FIG. 3B*

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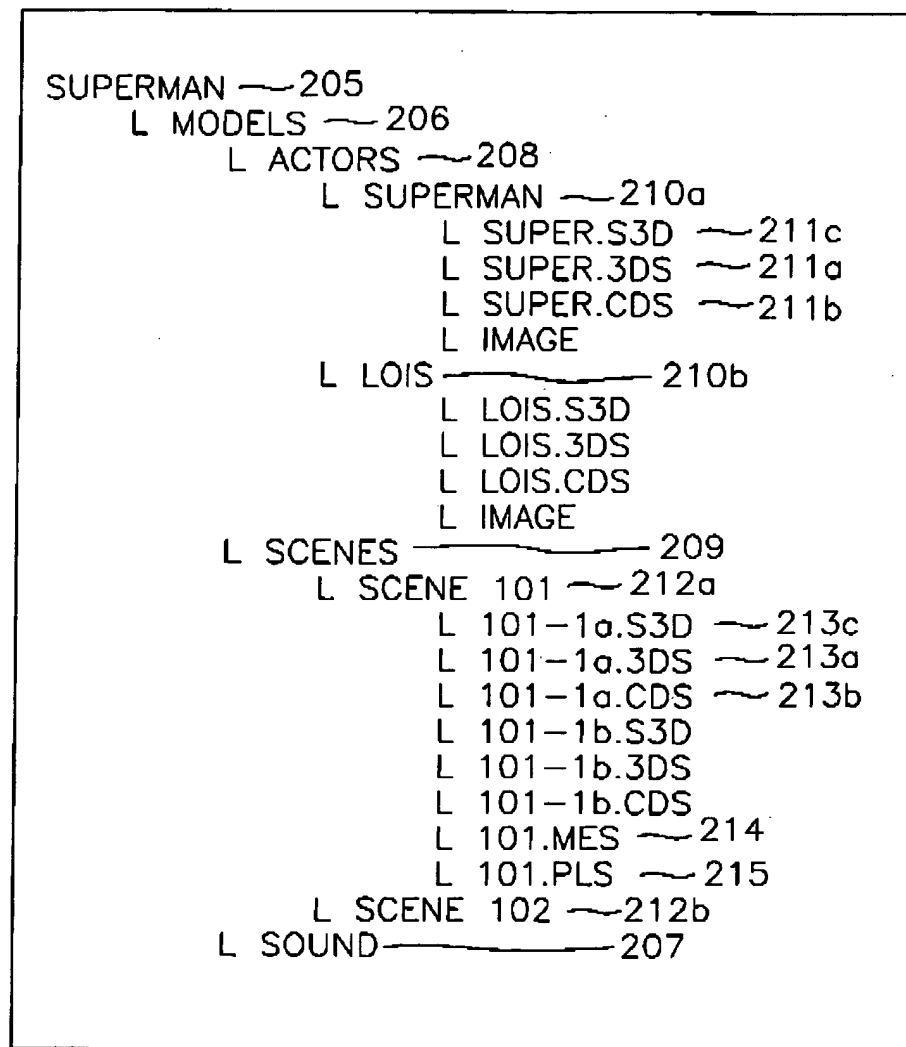
FIG. 4

EXPORT TO: .S3d

| FILES TO EXPORT | EXPORTED STATUS |
|-----------------|-----------------|
| 101.3DS         | SUSSESSFUL      |
| 101.CDS         | SUCCESSFUL      |
| POPEYE.3DS      | SUCCESSFUL      |
| POPEYE.CDS      | SUCCESSFUL      |

ADD FILES REMOVE FILES EXPORT

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*FIG. 5*

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*FIG. 6*

KEY REDUCTION

|           |           |                                   |   |
|-----------|-----------|-----------------------------------|---|
| POS/SCALE | THRESHOLD | <input type="text" value="4.0"/>  | % |
| ROT.      | THRESHOLD | <input type="text" value="0.15"/> |   |

160  
162  
164

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FIG. 7

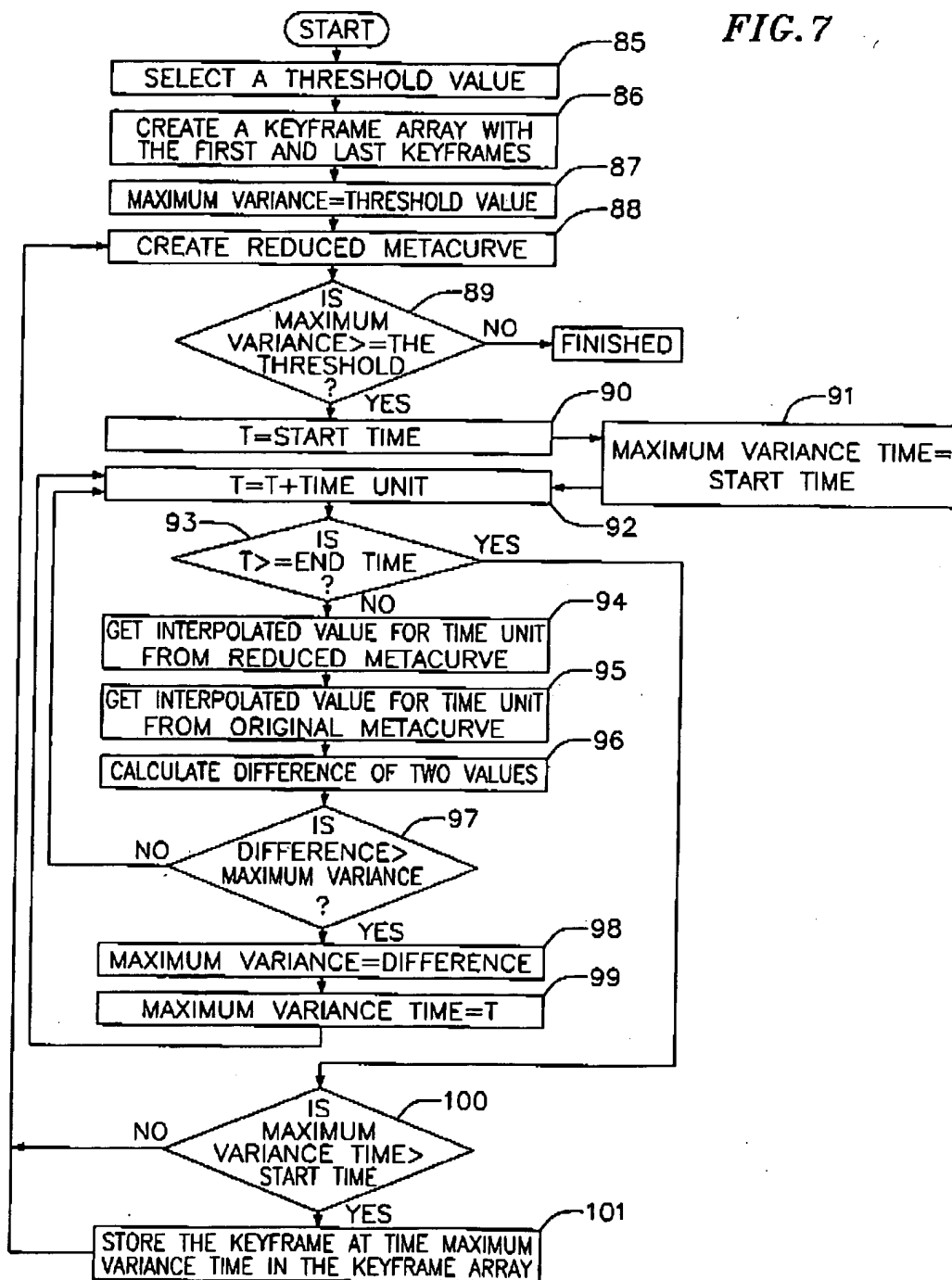
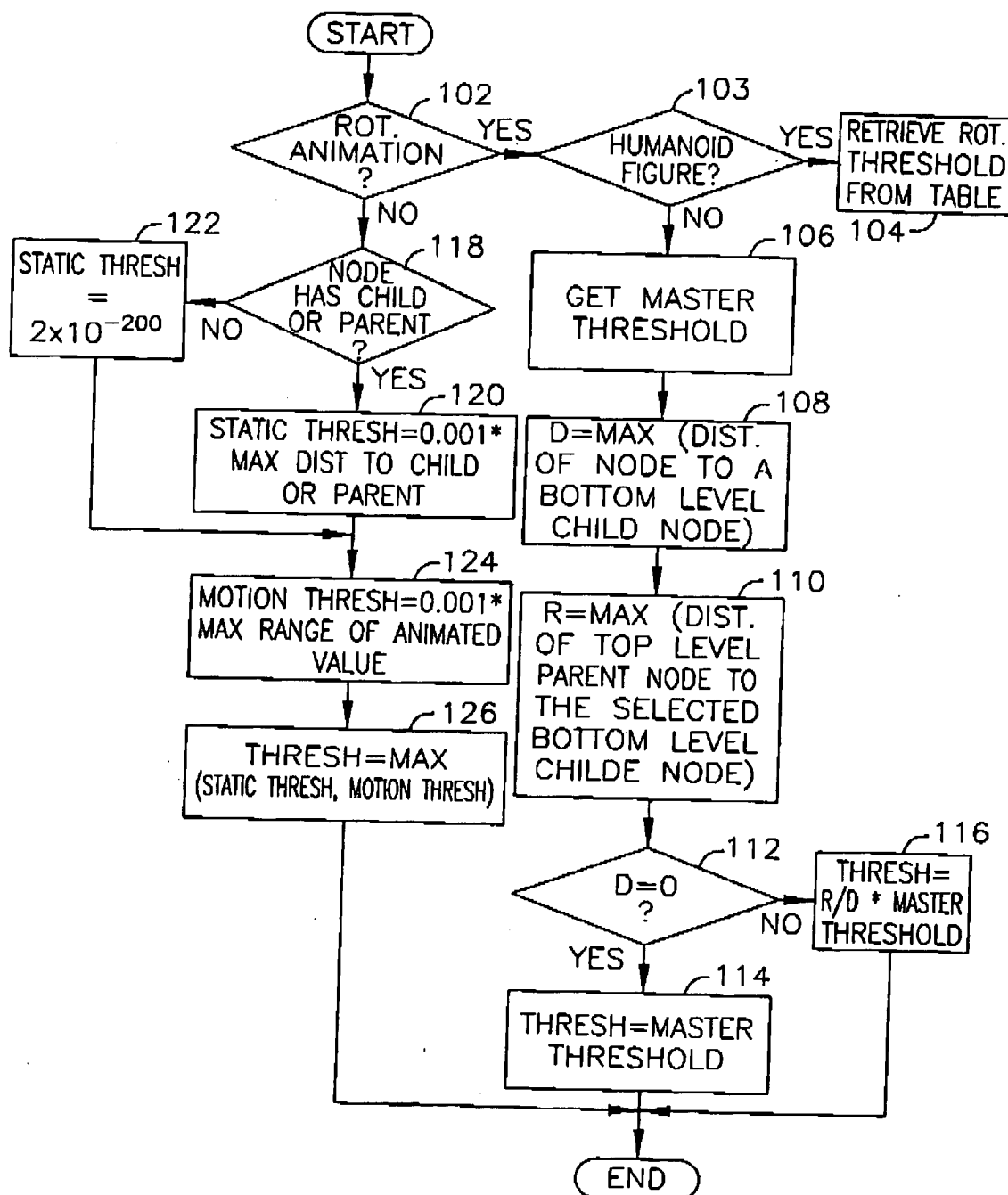




FIG. 8



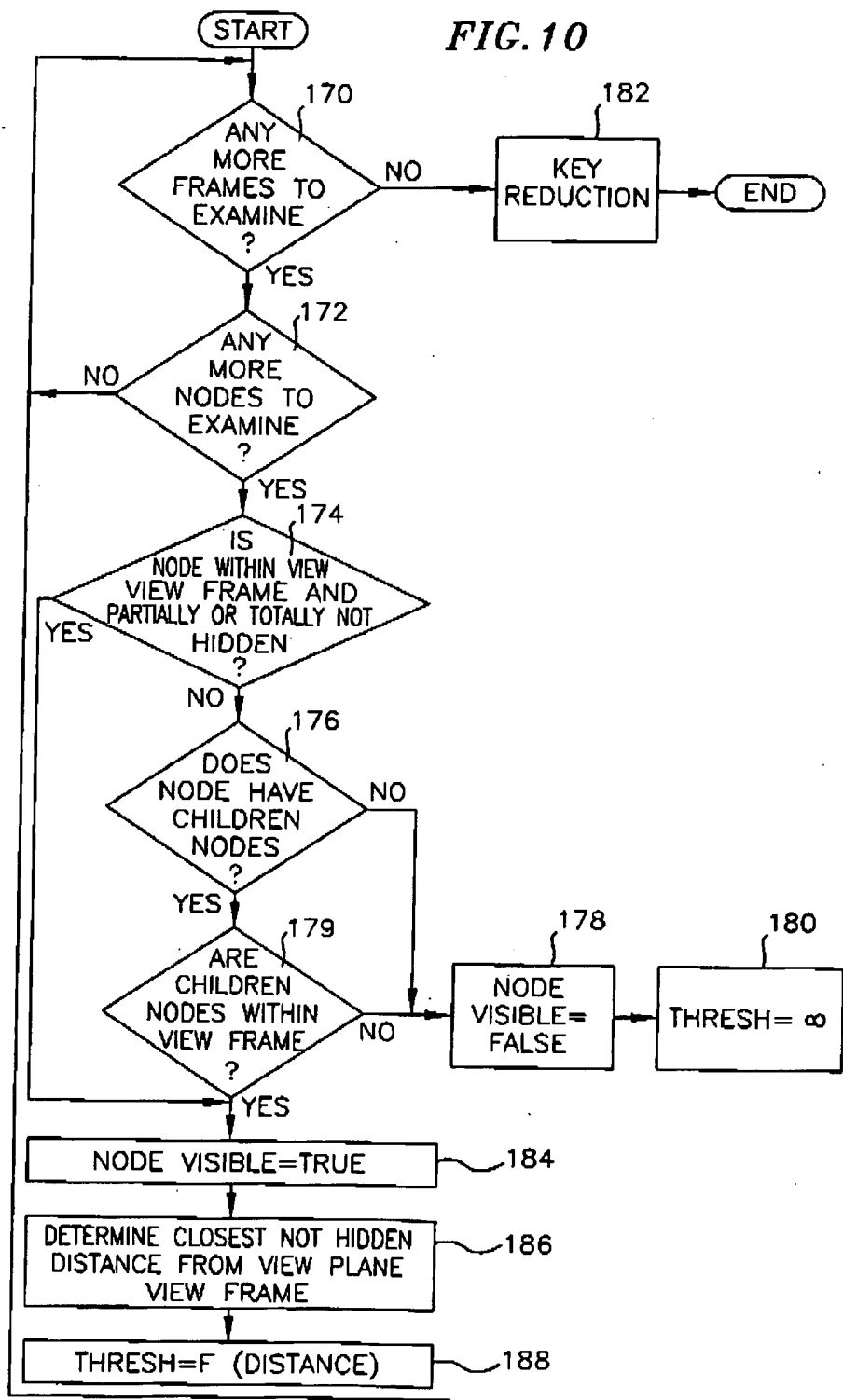
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*FIG. 9*

| NODE NAME | THRESHOLD (DEGREES) |
|-----------|---------------------|
| HEAD      | 1.0                 |
| TRUNK     | 0.9                 |
| THIGH     | 0.5                 |
| CALF      | 0.1                 |
| •         |                     |
| •         |                     |
| •         |                     |
| •         |                     |

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FIG. 10

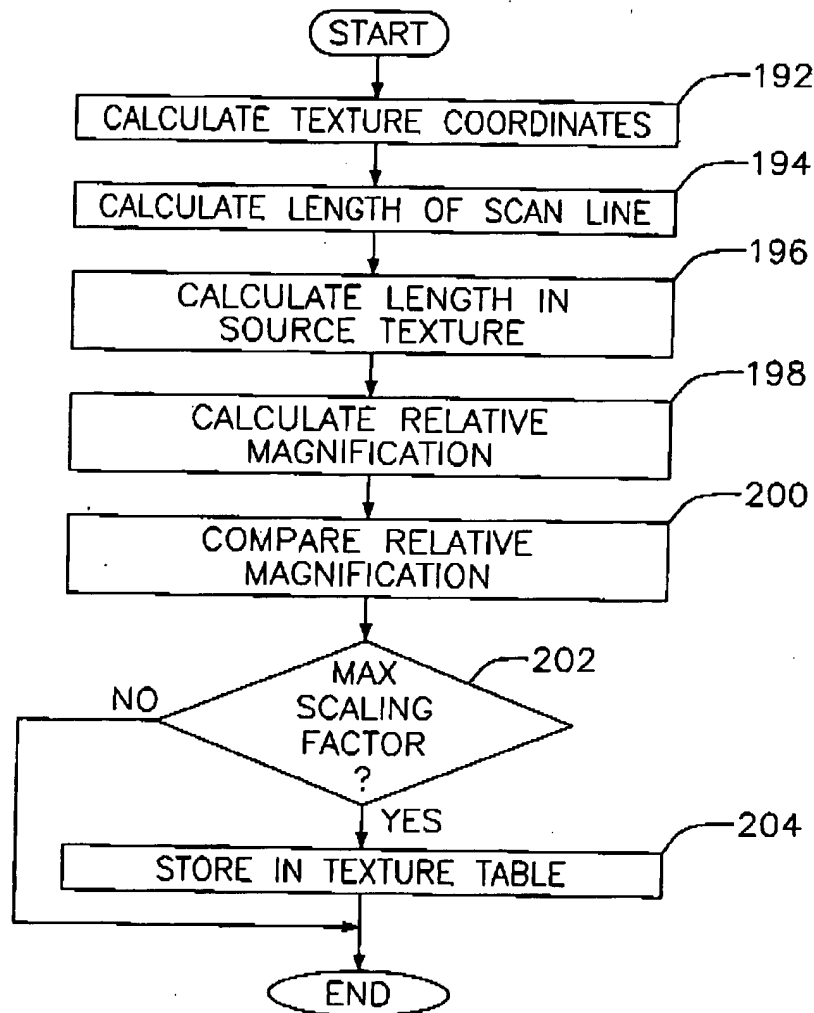


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FIG. 11

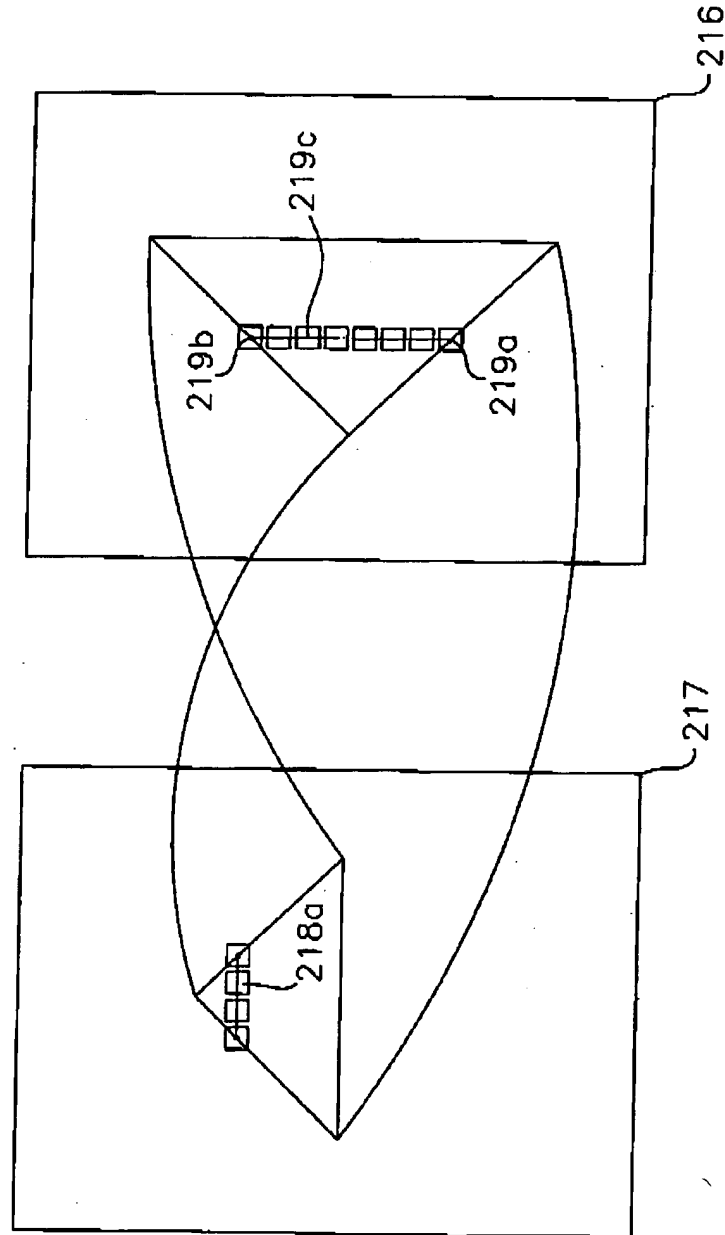
| FRAME | TIME | WIDE WAVE                        | THRESHOLD VALUE |            |
|-------|------|----------------------------------|-----------------|------------|
|       |      |                                  | ROT.            | POS./SCALE |
| 1     | 0.04 | SUPER-HEAD                       | 0.9             | 0.5        |
| 1     | 0.04 | SUPER-TRUNK                      | 0.8             | 0.5        |
| 2     | 0.08 | LOIS-HEAD                        | 0.9             | 0.6        |
| 2     | 0.08 | LOIS-HEAD                        | $\infty$        | $\infty$   |
| 2     | 0.08 | LOIS-LEG-LEFT<br>LOISE-LEG-RIGHT | $\infty$        | $\infty$   |

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*FIG. 12*

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FIG. 13



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*FIG. 14*

TARGET MACHINE

- 200a ☒ DISPLAY IN SOFTWARE
- 200b ☒ DISPLAY IN HARDWARE
- 200c ☐ DISPLAY ON BASE PC
- 200d ☐ DISPLAY ON PII/266
- 200e ☒ DISPLAY ON KATMAI
- 200f ☐ VIDEO OUTPUT ONLY
- 200g ☒ DISPLAY WHEN 'G' RATED
- 200h ☒ DISPLAY WHEN 'M' RATED
- 200i ☒ DISPLAY WHEN 'R' RATED

200

202  
APPLY TO SELECTION

204  
MAKE SELECTED OBJECTS INTO  
SCALABILITY ALTERNATIVES FOR  
ANOTHER OBJECT

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*FIG. 15A*

|                                      |                                 |  |
|--------------------------------------|---------------------------------|--|
| TYPE OF BUILD                        |                                 | BUILD DIRECTORY                                  |
| <input type="radio"/> CD ~ 220       |                                 | <input type="text" value="BUILD/SUPER"/> ▼ ~ 222 |
| <input type="radio"/> INTERNET ~ 221 |                                 |  |
| SCALABILITY FACTORS                  |                                 |  |
| <input type="radio"/> SOFTWARE       | <input type="radio"/> 'G' RATED | } ~ 223  |
| <input type="radio"/> HARDWARE       | <input type="radio"/> 'M' RATED |  |
| <input type="radio"/> BASE PC ~ 214b | <input type="radio"/> 'R' RATED |  |
| <input type="radio"/> PII/266        |                                 |  |
| <input type="radio"/> KATMAI         |                                 |  |
| <input type="radio"/> VIDEO ~ 214a   |                                 |  |
| SOUND TRACKS                         |                                 |  |
| <input type="radio"/> ENGLISH        | <input type="radio"/> GERMAN    | } ~ 224  |
| <input type="radio"/> JAPANESE       | <input type="radio"/> ITALIAN   |  |
| <input type="radio"/> FRENCH         | <input type="radio"/> SPANISH   |  |
| <input type="button" value="NEXT"/>  |                                 |  |



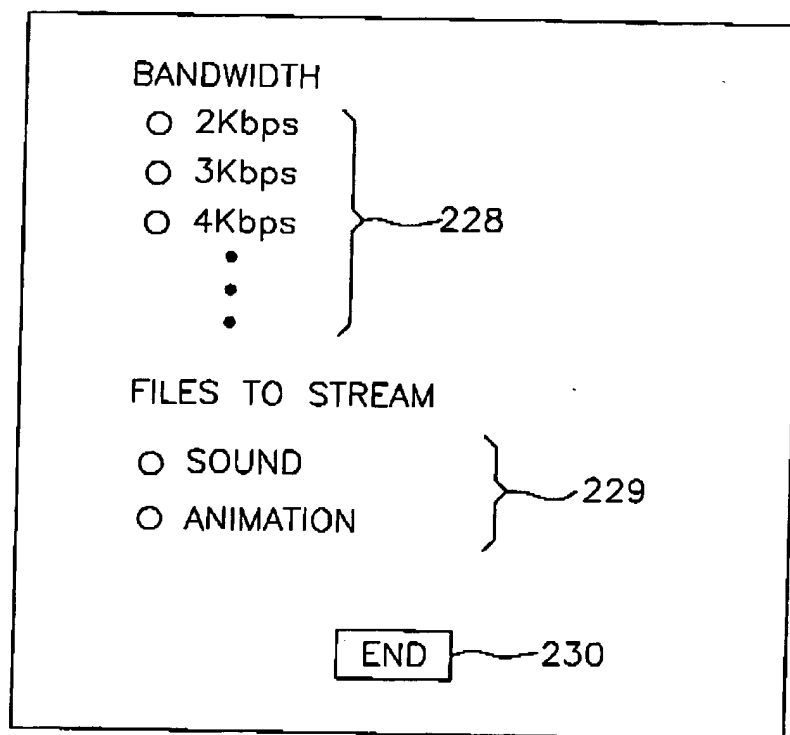
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*FIG. 15B*

|  |   |
|--|---|
| SOUND COMPRESSION                        |   |
| <input type="radio"/> VOXWARE 11K MONO   | } 225   |
| <input type="radio"/> VOXWARE 22K MONO   |   |
| <input type="radio"/> VOXWARE 22K STEREO |   |
|  |   |
| GRAPHICS COMPRESSION                     |   |
| <input type="radio"/> JPEG MEDIUM        | } 226   |
| <input type="radio"/> JPEG HIGH          |   |
|  |   |
| SELECT SCENES                            | <input type="text" value="101_1a.S3D"/> ▼ 227 |

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*FIG. 15C*



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FIG. 16A

| 232a         | 232b     | 232c | 232d    | 232e            | 232f | 232g   |
|--------------|----------|------|---------|-----------------|------|--------|
| NAME         | LOCATION | TYPE | VERSION | COMPRESSED SIZE | SIZE | OFFSET |
| SUPER.S3D    | 1        | 7    | 1       | 150K            | 200K | 450K   |
| SCENE101.S3D | 1        | 7    | 1       | 20K             | 30K  | 670K   |

FIG. 16B

| 232i                | 232h     | 232i |
|---------------------|----------|------|
| NAME                | LOCATION | TYPE |
| SCENE101.S3D_STREAM | 5        | 7    |
| HELLO.WAV           | 5        | 2    |

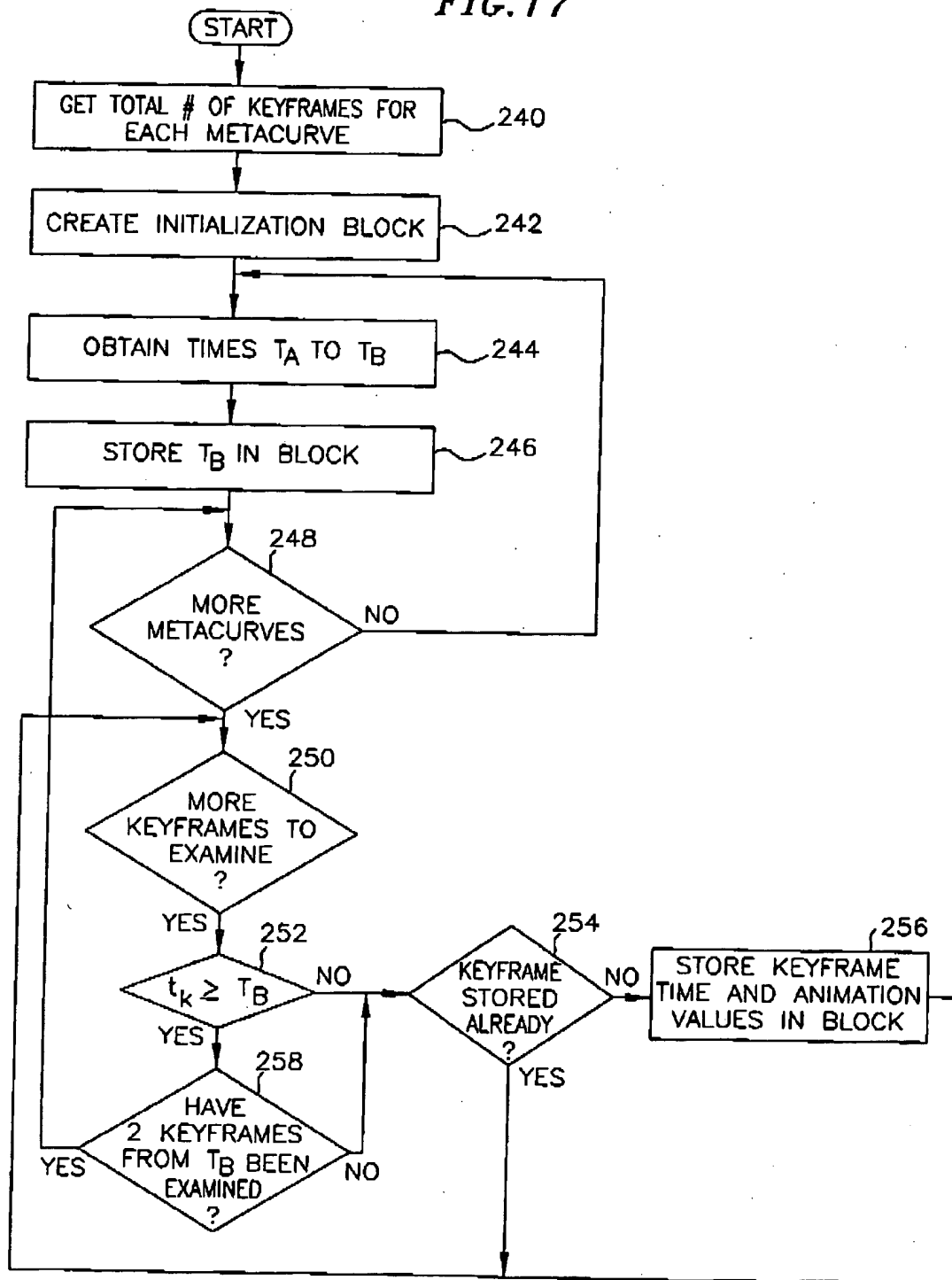
| VERSION | SIZE | STREAM NUMBER | STREAM FILE INDEX |
|---------|------|---------------|-------------------|
| 1       | 100K | 0             | 0                 |
| 1       | 300K | 1             | 0                 |

FIG. 16C

| 232          | 232      | 232  | 232     | 232  | 232        | 232        | 232        | 232 |
|--------------|----------|------|---------|------|------------|------------|------------|-----|
| NAME         | LOCATION | TYPE | VERSION | SIZE | START TIME | EXTRA SIZE | EXTRA POS. | 232 |
| SCENE101.DAT | 7        | 12   | 1       | 350K | -10        | 50K        | 800K       | 232 |

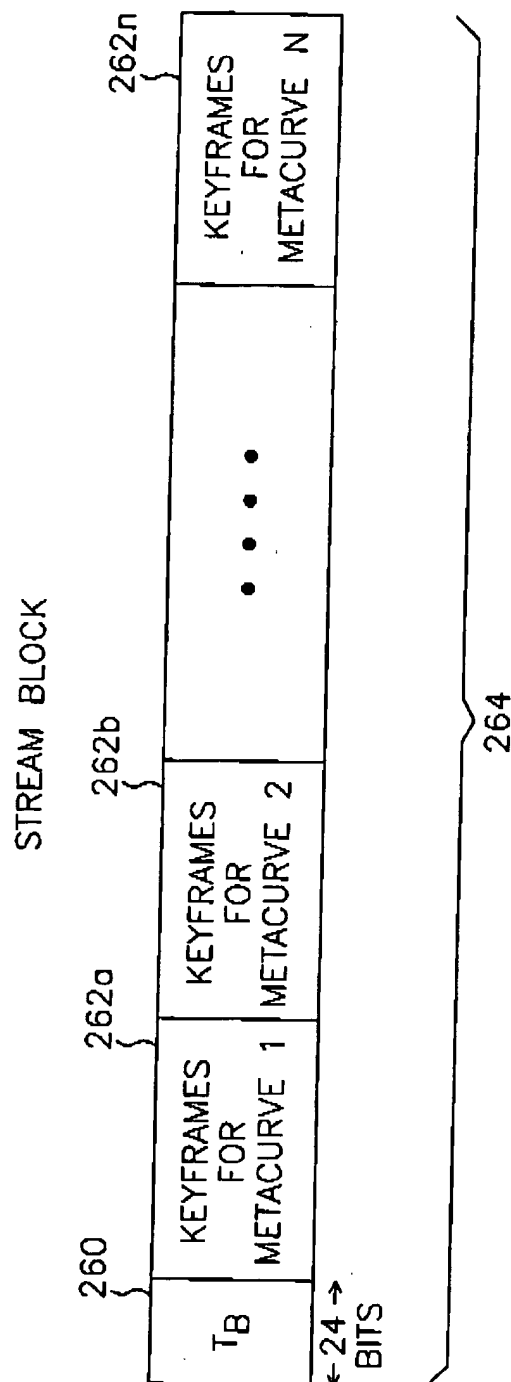
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FIG. 17

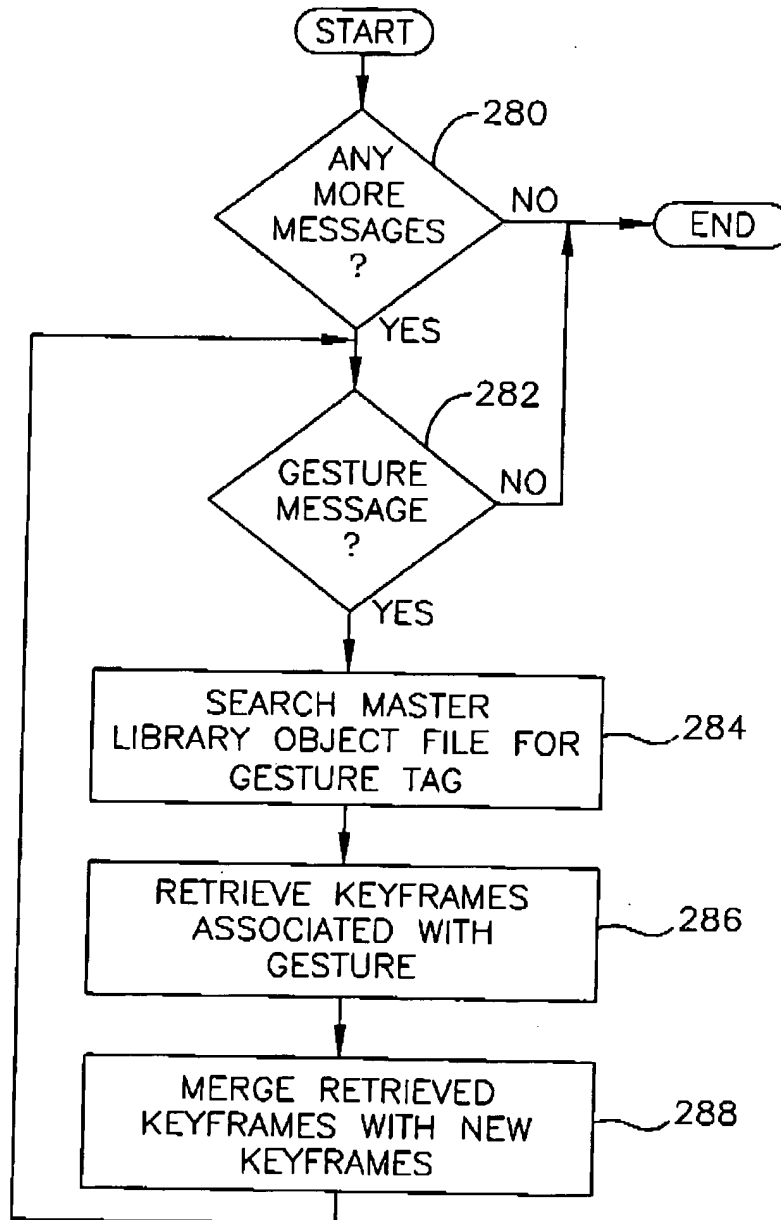


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FIG. 18



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*FIG. 19*

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*FIG. 20*